

5791503

## ATTACHMENT A SCOPE OF SERVICES

Name of Project: GIS Development & Services

- f. Two copies of Customized Parcel Maintenance extension, single seat license
- g. One copy of TSC's AgOverlay extension, single seat license
- h. One copy of TSC's Watershed Benefited Acres extension, single seat license.
- i. One site license of Schneider's remote access software for use within Noble County, IN.

E911

### 1. Road centerline line data layer

- a. Incorporation of existing road centerline line data layer provided to Schneider by Client at the beginning of the project.
- b. Based upon NENA-02-010 standards, the following attributes will be populated:
  - i. Road names will be broken into *ROADNAME*, *SUFFIX*, *PREDIR*, and *POSTDIR*; and will be populated from road names identified on the most up to date county road map provided to The Schneider Corporation at the beginning of the project.
  - ii. Road address ranges will be attributed with left and right assignments including: *LLO*, *LHI*, *RLO*, and *RHI*.
  - iii. Roads will be attributed with Emergency Service Zone information including: *LESN* and *RESN*.
  - iv. Roads will be attributed with MSAG Town Boundary information including: *LCOMMUNITY* and *RCOMMUNITY*.
  - v. Roads will be attributed with the County Identification code including: *LFIPS* and *RFIPS*.
  - vi. Roads will attributed with additional information including: *ROADCLASS*, *ALIAS* and *ONEWAY*.
- c. The following attribute fields will be added to the database schema, for the Client to populate as needed:
  - a. Road type
  - b. Year work performed
- d. Roads will be labeled using auto-labeling routines in the GIS software, which allow for multi-scale viewing and no label maintenance requirements. The labels will consist of the street name, as identified in the attribute database.
- e. The Schneider Corporation will compare the final road centerline line data layer attribute table with the Master Street Address Guide (MSAG), provided to The Schneider Corporation at the beginning of the project, and developed a consistency report for the client's review. Any changes that are the result of discrepancies between the data sources provided by the client will be the client's responsibility to correct.

### 2. Site location point data layer

- a. Site address location point data layer developed from the digital orthophotography and existing digital occupancy (911, utility billing, etc.) databases, provided to The Schneider Corporation at the beginning of the project, for up to 27,000 address location points. Locations in excess of 27,000 will be billed at \$11.00 per location. If the total number of address points is less than 24,300 Schneider will adjust the fixed fee amount to \$11.00 per address point.
- b. Points will be placed on all house locations and auxiliary buildings with a footprint of 10x10 or larger.
- c. Based upon NENA-02-010 standards, the following attributes will be populated:
  - i. Site location points address information will be broken into *HOUSENUM*, *UNIT*, and *ROADNAME*.
  - ii. Sites will be attributes with *SITETYPE*, *COMMUNITY*, and *ESN*.

## ATTACHMENT A SCOPE OF SERVICES

Name of Project: GIS Development & Services

- iii. Sites will be attributed with additional information including: *FLD\_TS* (timestamp of visit), *DRIVEWAYID* (if applicable), *FLD\_METEF* (if applicable), *FLD\_COMMENTS* (indicating type of auxiliary building or other comments), *CAMA\_HN* (CAMA house number, if applicable), *CAMA\_ADDR* (CAMA address, if applicable) and *CAMA\_PIN* (if applicable).
    - d. Driveway/house location points will be labeled using auto-labeling routines in the GIS software, which allow for multi-scale viewing and no label maintenance requirements. The labels will consist of the street address number, as identified in the attribute database. Because of space constraints, some labels may not fit completely within their feature boundaries.
- 3. **Driveway line data layer**
  - a. Driveway line data layer for driveways that have obstructed view or have a length greater than 100 ft. will be digitized from the digital orthophotography.
- 4. **Emergency Service Zone polygon data layer**
  - a. Emergency Service Zone district polygon data layer from existing emergency response maps provided to The Schneider Corporation at the beginning of the project.
  - b. Based upon NENA-02-010, the following attributes will be populated: *FIRE*, *EMS*, *LAW*, *PSAPID* and *ESN*.
- 5. **Emergency Service Agency point data layer**
  - a. Emergency Service Agency point data layer from field verification.
  - b. Emergency Service Agency point data layer will be attributed with Name and Address.
- 6. **Project Services**
  - a. Project and system design including:
    - i. Development of a data dictionary
    - ii. Development of a procedures manual
    - iii. Project file setup
    - iv. On site setup and installation
  - b. Training
    - i. One, 1 day Dispatcher class for up to 5 people at Noble County.
    - ii. One, 1 day Administrator class for up to 3 people at Noble County.
    - iii. On site customized training sessions for up to 5 people each are also available on an hourly service basis if needed beyond the scheduled training.
  - c. Project management
    - i. Daily project administration, with an established client reporting schedule.
  - d. E911 Quality Assurance management, including customization of procedures to best fit the client's needs; Reports will be available to the Client for additional data review and correction.
  - e. E911 Database Standardization
    - i. Schneider will create a new database by standardizing the existing CAMA, MSAG, and available utility databases into a NENA-based data structure. Some fields may not be populated as part of this standardization.
    - ii. Schneider uses USPS standards in abbreviations, naming conventions, etc.
  - f. E911 Field Verification
    - i. Field verification of up to 27,000 sites.
    - ii. Site address, type, and road names will be verified. Although 100% field verification is the project goal, it is probable that a small percentage (3-5%) will be inaccessible and will need to be verified by the Client.
  - g. Metadata files for each layer create or converted by The Schneider Corporation for this project.

### HOURLY SERVICES

Attachment "A" to the Professional Services Agreement between  
The Schneider Corporation and  
Noble County, Indiana

Ver. 12/11/2003

Page 7

December 22, 2003

\\proposals\62003\4156\_ncl\ecoln\_9911\contract\2003\_1222\_noblecoln\_ctr.doc

## ATTACHMENT A SCOPE OF SERVICES

Name of Project: GIS Development & Services

1. Parcels will be manually labeled with **parcel dimensions**, as identified on the existing plats and surveys provided to Schneider by the Client at the beginning of the project. Parcel dimensions will be static labels that will require maintenance, and will be placed at a fixed scale.
  - a. Provided on demand by submitting source documents to Schneider during the CADASTAL phase of the project.
  - b. Not to Exceed \$10,000.
2. **E911 Software (all copies will be current shipping versions, for the Windows 2000 Professional or XP Professional operating system)**
  - a. If needed, The Schneider Corporation will create an automated routine that exports 911 data layers from the ESRI GeoDatabase (created in NAD83 State Plane coordinates) and convert it to Geographic Coordinates for use in the 911 system.
  - b. Six (6) seats of GeoComm's GeoLynx mapping software

Deliverables are subject to the following restrictions, cautions and disclaimers:

- a. Map features in a Geographic Information System (GIS), including but not limited to public land reference system corners and markers, ownership boundaries, road centerlines and rights-of-way, utility lines and controls, engineering structures, natural resources, and other jurisdictional boundaries are representations of original data sources for purposes of data access and analysis.
- b. Digital data in a GIS do not replace or modify site surveys, deeds and other conveyances, original and as built engineering plans, and other original drawings and/or legal documents that establish land ownership, land use, or on-site structure location. Any and all data remains property of the Client, and will be returned upon completion of the project.
- c. No field surveys or records research are undertaken to discover what variations, if any, derived land reference system boundaries deviate from monumented corners of record. Because The Schneider Corporation has no legal authority to determine or assign land title, any derived land reference system boundaries should not be construed as legal documents or evidences of land subdivision.
- d. The Schneider Corporation will collaborate with local project officials to procure relevant maps, database files, and other documents needed to deliver the proposed products and services, but will not perform research to locate archived records unless specified as a delivered product or service in Scope of Work.
- e. Apparent errors and omissions in data layers that preclude performance by The Schneider Corporation of the products or services specified in Scope of Work will be reported to the appropriate local project individuals; these reports should not be construed as necessarily being comprehensive or exhaustive. The Schneider Corporation will apply procedures to minimize data errors and discrepancies during the data creation and conversion processes; however final data verification will be the responsibility of OWNER.

### **Subcontractors**

The Schneider Corporation has no plans to subcontract out any portion of the Cadastral Mapping and/or E911 Database, GIS Data, or other aspects of the products and/or services related to those two tasks (other than COTS software). The Schneider Corporation will work with the aerial photography provided to integrate the digital imagery in the County wide GIS.

The Schneider Corporation may, with prior approval of local officials in charge of the project, subcontract out portions of the data conversion work. If that occurs, all project design, administration, and implementation (including training and tech support) will be done by The Schneider Corporation staff.

### **Cost**

Some costs are based on conversion or creation of a specified number of features as a line item in the 'Products and Services' section of this proposal. If the number of features for any line item exceeds that specified in this proposal, additional charges at the prevailing unit rate will be assessed.

**ATTACHMENT A  
SCOPE OF SERVICES****Name of Project: GIS Development & Services*****Project Length and Completion***

Estimated length of this project is 12 months from a projected start date of January, 2004 provided all digital orthophotography is delivered on schedule to The Schneider Corporation, with a projected completion date of December 31, 2004. The Schneider Corporation will not be liable for delayed performance caused by the failure of local project officials, agents of the local project officials, or any County subcontractor to supply to The Schneider Corporation data or services in a timely manner; delays in the delivery of the digital orthophoto products; or any other reasons or causes not the fault of The Schneider Corporation.

***Changes***

As part of the quality control process, The Schneider Corporation will establish a review process with Noble County. The Schneider Corporation will make any reasonable changes and corrections reported back to The Schneider Corporation within 30 days of the delivery of the final digital data to local project officials. Changes reported after 30 days will be made at The Schneider Corporation's discretion and may be extra cost.

***Client shall provide to Professional the following:***

To ensure that the products and services are provided in an accurate, timely, and comprehensive manner, the Client is expected to provide to the Professional at no cost:

- Originals or high quality copies of available maps, documents, and database files as needed by the Professional in order to prepare the digital data sets or other services specified.
- Staff time as necessary to locate, collect, and organize source documents; review digital data products for accuracy and completeness; and respond to the Professional's requests for data and system information.
- Office space, equipment, and supplies as necessary to locate, collect, and organize source documents; review digital data products for accuracy and completeness; conduct interviews and project meetings; and respond to the Professional's requests for data and system information.
- Any other materials or services judged by mutual agreement to be appropriate for the GIS project.

## ATTACHMENT B FEE SCHEDULE

**Name of Project: GIS Development & Services**

Client shall compensate Professional for services rendered in accordance with the following:

**Fixed Fee -** Client shall receive monthly invoices reflecting the prior month's services, based upon a percentage of completion of the project. Percentage of completion will be estimated by Professional, and regularly communicated with the client.

Other Fixed Fee phases of this project may be developed during the course of this agreement. Once the estimates are accepted, an Authorization to Proceed will have to be signed and submitted before work will begin.

**Hourly Services -** Client shall receive monthly invoices reflecting the prior month's Hourly services.

### *Hourly Fee Schedule*

JOB TITLE	REGULAR HOURLY RATE
GIS DIRECTOR	\$126.00
GIS SENIOR PROJECT MANAGER	\$150.00
GIS PROJECT, PRODUCTION MANAGER	\$125.00
GIS SENIOR PROGRAMMER	\$175.00
GIS PROGRAMMER	\$125.00
GIS SENIOR SPECIALIST	\$175.00
GIS SPECIALIST	\$125.00
GIS SENIOR TECHNICIAN IV	\$75.00
GIS SENIOR TECHNICIAN III	\$70.00
GIS TECHNICIAN II	\$65.00
GIS TECHNICIAN I	\$60.00
ADMINISTRATION	\$50.00

#### **Hourly Services Expenses:**

Travel time for onsite visits will be billed at \$45.00 per hour.

Mileage will be billed at 36 cents per mile.

Certified mailings or Shipping

at cost

Other out-of-pocket expenses

cost plus 10%

All hourly services phase fees remaining under this contract are subject to an increase at the discretion of Professional. The Client will be notified in writing of any changes in fees.

**DESIGNATION OF CLIENT'S REPRESENTATIVE****Name of Project: GIS Development & Services**

In accordance with Paragraph 4(1) of the Professional Services Agreement between Noble County, Indiana ("CLIENT") and The Schneider Corporation ("Professional"), dated **December 22, 2003**. Client hereby designates **Steve Hook** to act as Client's representative with respect to the services to be rendered under this Agreement. This designee shall have complete authority to transmit instructions and receive information with respect to Schneider's services for the Project unless or except as outlined below.

☐ No Exceptions☐ Exceptions (list below)**CLIENT**

Noble County, Indiana

By: \_\_\_\_\_

Print: \_\_\_\_\_

Title: \_\_\_\_\_

Date: December 22, 2003

Designation of Client's Representative Between  
The Schneider Corporation and  
Noble County, Indiana

Ver. 12/11/2003

Page 1

December 22, 2003

H:\proposals\2003\4156\_ni\ilecoln\_e011\contract\2003\_1222\_noblecoln\_ctr.doc

**AUTHORIZATION TO PROCEED**  
**Name of Project: GIS Development & Services**

In accordance with Paragraph 3 of the Professional Services Agreement between Noble County, Indiana ("CLIENT") and The Schneider Corporation ("Professional"), dated December 22, 2003, The Schneider Corporation is hereby authorized to proceed on the following phases of the project:

- ☒ Fixed Fee - Cadastral (\$605,321.00)
- ☒ Fixed Fee - E911 (\$292,910.00)
- ☒ Hourly services - Parcel Dimensioning (Not to exceed \$10,000.00)
- ☐ GeoComm GeoLynx - Six (6) Seats of Mapping Software (\$30,000.00)
- ☐ GeoComm Training - Two (2) days on-site GeoComm training (\$5,664.00)

Contingent upon Funding Authorization.

**CLIENT**

Noble County, Indiana

By: \_\_\_\_\_

Print: \_\_\_\_\_

Title: \_\_\_\_\_

Date: December 22, 2003

Authorization to Proceed Between  
The Schneider Corporation and  
Noble County, Indiana

Ver. 12/11/2003

Page 1

December 22, 2003

\\proposals\2003\4156\_nob\c\in\_e911\contract\2003\_1222\_noble\in\_clr.doc